



Rubber Flexible Hose for Fan Coil

FACOLEX

FACOLEX flexible hoses are made of EPDM tube braided with stainless steel wire. They are applicable with water exclusively. FACOLEX is the most suitable connecting hoses for fancoil units and sanitary equipment. FACOLEX is very attractive with its excellent performance and outstanding reliability where a similar conventional one is not comparable with. Other important features of FACOLEX are

Feature

Reduce piping works

The minimum bending radius is small yet flexible, so from main pipe to fan coil it can be connected with one piece. Reduce piping labor significantly so result in less fabrication time and labor.

Heat-proof and pressure-proof

Heat-resistant rubber and strong SUS braid enhance hot water resistance and pressure resistance.

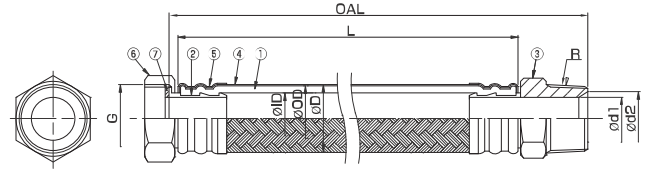
Bending fatigue and potential difference corrosion

Flexible rubber tube removes defects such as bending fatigue, potential difference corrosion, etc.

Heat insulated

Heat insulation material has independent air bubble structure. Effective in heat insulation, and excellent in weather-resistance and self-fire-extinguishing.

Structure



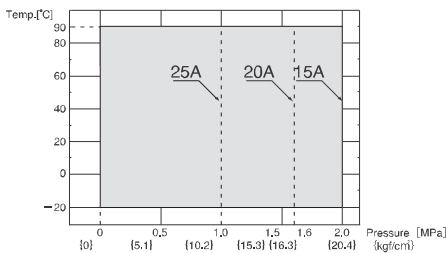
No.	Parts	Material	No.	Parts	Material
①	Tube	EPDM	⑤	Collar	SUS304
②	Sleeve	BsBM / BC6	⑥	Cap nut	BsBM / BC6
③	Male thread	BsBM / BC6	⑦	Gasket	Non-asbestos
④	Braid	SUS304			

- Standard end connections: One end is cap nut (parallel thread) with packing, and the other end is outer thread (tapered male thread).
- If both ends need tapered male thread, specify the product that is with adaptor (optional).
- For packing, use exclusive use packing attached.
- Both ends can be changed to female thread x female thread.
- Body ends cannot be changed to male thread x male thread.

Application (pressure & temperature)

- Check if maximum pressure and temperature are within the range of use.

Operating Conditions



Nominal Dia.	Max. Operating Pressure (MPa)
15	2.0
20	1.6
25	1.0

Remark : FACOLEX is not applicable to oil.

Dimensions and Allowable Movements

Nominal Dia.	Inner Dia. φd1	Inner Dia. φd2	Outer Dia. φD	Tube Dimension		End Connection G(f)xR(m)	Min. Bending Radius	Length (Lor OAL)
				Inner Dia. φID	Outer Dia. φOD			
15	10	12	22	14	21	G1/2 x R1/2	80	200,300,500, 800,1000,1500
20	15	17	28	19	27	G3/4 x R3/4	100	
25	20	25	35	25	34	G1 x R1	125	

For the length other than mentioned above, please consult us.

Face-to-Face Dimension

Standard face-to-face dimensions are 200L, 300L, 500L, 1000L. Specify when placing orders. Other special face-to-face dimensions can also be manufactured.

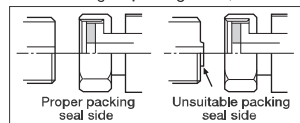
Connection

1. Outer thread (male thread side)

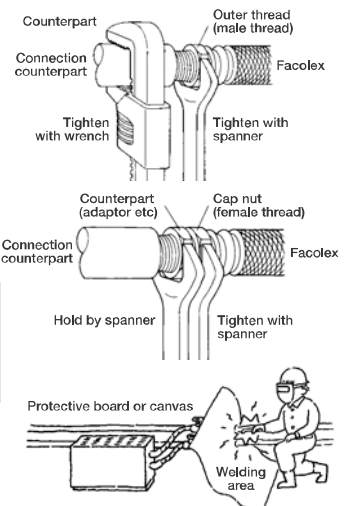
First wrap the seal tape (or sealant) around the male thread side and check if the counter thread is free from defects and smooth, tighten the outer thread by hand to the possible number of threads, and then use spanner to tighten while using wrench to hold the counter side. Once tightened, in case of removing or putting back, clean properly for the thread part, and be sure to change the seal tape (or sealant) before tightening.

2. Parallel thread (female thread side)

Check first if outer thread - the cap nut counter thread - is free from defects, and the seat for receiving packing is smooth. Insert the packing, tighten the cap nut by hand to the possible number of threads, then use spanner to tighten while using spanner to hold the counter side (adaptor, etc.) and not twist the hose. Once tightened, in case of removing or putting back, be sure to change the seal tape (or sealant) before tightening. Do not use other packing not provided by us. It may cause water leak and other problems. When you are short of packing during fabrication, please contact us.



- The body of Facolex is made of rubber. It should not be used close to heat source. After installation, when welding or fusing is performed near the product, the product should be covered with protection against sparks. If welding sparks may cause damage, the product should be removed.



Note: The content of this catalog is subject to change without prior notice.

AGENT

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